PlastCoat PC 25/ PC 35

The powerful ones

Plaster spraying indoors and out with equipment geared to practical use.

WAGNER

With their plaster spraying units Wagner have made it easier to get into the machine application of plaster. The equipment will save you laboriously carrying buckets and will ensure a uniform coating quality.

*In the Wagner equipment range you will find all you need for **effective plaster spraying:** pumping units, mixers, spray lances and lots of practical accessories to make your work easier. Over many years of collaboration with material manufacturers and users we have developed high-grade equipment for reliable use, right up to the logistically optimised building site.*

PlastCoat PC 25/ PlastCoat PC 35

*These are the powerful; plaster spraying units for **indoor and outdoor use.** Textured plasters up to 5 mm grain size, filler compounds, bonded thermal insulation systems and much more can be applied with them.*

Areas of application and materials which can be applied:

The PC 25 and PC 35 can be profitably used in many areas of application:

➜ **Bonded thermal insulation systems**
- Application of adhesive to the insulation panels and brickwork
- Laying on the reinforcing fabric

➜ **Spraying on textured plasters**
- Mineral plasters
- Synthetic resin and silicon resin plasters
- Silicate plasters

➜ **Smoothing and texturing**
- Smoothing filler compounds

➜ **Sealing buildings**
- Thick coating
- Water based bituminous emulsions
- Mineral sealing systems

➜ **Concrete maintenance**
- Application of pore filler slurries
- SPCC fine grade filler
- Suspensions of cement
- Cement adhesives

➜ **Other areas of application**
- Coarse fibre paints
- Rolling and brushing plasters
- Porous concrete coating
- Acoustic plaster systems
- Concrete contact primers
- Fire bulkhead sealant
- Flame-proofing coating

High-grade stainless steel hopper
Compressor, practically mounted on the unit (accessory)
WAGNER
PC 25
Automatic pump extractor
integral, maintenance-free pressure gauge at pump outlet
absolutely water-tight switch not susceptible to contamination

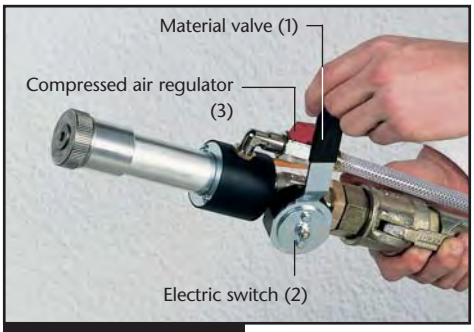
Technical Data PC 25

Motor rating	2,2 kW
Voltage	230 V/ 50 Hz
Max. delivery rate	10/15/20 l/min*
Max. delivery radius	40 m
Max. delivery height	20 m
Weight with hopper	85 kg
Max. grain size	5 mm
Working pressure	max. 40 bar

* depending on the pump used:
10 l/min – W 10/3
15 l/min – W 15/2
20 l/min – W 20/1,5

PlastCoat PC 25 and PC 35: *effective and ideal for the construction site*

- ➜ The high-grade stainless steel hopper will hold 60 litres of ready-to-spray material.
- ➜ The units are of light construction and can be assembled and cleaned without tools.
- ➜ Smooth adjustment of the material flow rate is possible, from 0 to 25 litres per minute.
- ➜ A hose length up to 50 m gives a large radius of action.
- ➜ An integral interface for container operation is already provided.
- ➜ The compressor can be fixed directly onto the equipment.



A world first:

The automatic spray lance

The automatic spray lance is **especially easy to use** and allows the user to regulate all the **main functions** of the equipment, directly from his place of work:

- ➜ The PC 25/ PC 35 is switched on automatically when the material valve (1) is opened. The electric switch (2) takes care of this.
- ➜ When the material valve (1) is closed the unit will be switched off automatically.
- ➜ The air feed (3) can also be regulated directly at the spray-lance
- ➜ When the spraying process is ended the PC 25/35 is switched off at the integral electric switch (2). This depressurises the material hose and shuts off the material feed.
- ➜ Due to this depressurisation the wear on the pump and the ball valve is minimal.
- ➜ This ensures soft starting for the next spraying run.

Materil hose package with air hose and control cable (accessory)

The automatic spray lance regulates all the main functions of the equipment (accessory)

Technical Data PC 35

Motor rating	3,6 kW
Voltage	400 V/ 50 Hz
Max. delivery rate	15/20/25 l/min*
Max. delivery radius	50 m
Max. delivery height	30 m
Weight with hopper	87 kg
Max. grain size	5 mm
Working pressure	max. 40 bar

* depending on the pump used:
15 l/min – W 10/3
20 l/min – W 15/2
25 l/min – W 20/1,5

The right equipment systems for practical use

Outdoors

Application of bonded thermal insulation systems

Application of the adhesive onto the insulation panels

At the push of a button, the supply pump transports the adhesive to you and you apply it directly onto the insulation panels with a spray gun. (Release the trigger of the gun and the unit on the ground switches off automatically.) A special adapter on the gun simplifies the application of bonded thermal insulation adhesive in spots/beads.

Application of the reinforcement layer

A texture spray head fitted with a 10 mm nozzle ensures an even application of the reinforcement adhesive. The reinforcement fabric is then laid into this horizontally and skimmed over with a smoothing filler. Using this working method the PlastCoat equipment gives a clear time advantage of up to 40% compared to manual application.

Application of the top plaster

Finishing plaster with a grain size of up to 5 mm can be sprayed on with this equipment. A time advantage of up to 30% is achieved compared to hand-application, and depending on the material the equipment can deliver up to a height of 30 m and a distance of 50 m.

Indoors

Application of smoothing and spraying fillers

Smoothing

The PC 25 and PC 35 are suitable, for example, for smoothing over pre-cast concrete ceilings and large-scale brickwork.

The smoothing and spraying filler is fed directly from the plastic bag into the stainless steel hopper via the sliding lid and roller extraction press.

Texturing

After smoothing a start can be made on texturing the ceiling and wall surfaces in living rooms and in the stairwell. Here the PC units offer a wide variety of possibilities for decorative design, from extremely fine, medium and coarse fibre textures right up to the application of spray plasters and polystyrene effects.

Compared to hand-application you save time and effort by the machine application of plasters!

Completely automatic mixing and pumping in one – the rolling mini-silo for small and large building sites

The **combination of a PlastCoat delivery pump and a T 25 K Flow-line mixer** gives an enormous saving of time and effort, even when only mixing small quantities on a small building site. One person is enough; the mini-silo will do the rest.

How the mini-silo works:

The Flow-line mixer mixes dry material and water and supplies the ready mixed material to the plaster application unit. At the push of a button the worker on the scaffolding can now make material available at the lance.

The **„K"** in the T 25 K Flow line mixer stands for **„Communication",** which means that the equipment thinks for itself:
Not only automatic mixing but also automatic control over the supply of dry material and water is ensured by the dry probe and the water pressure sonsor. The wet probe installed in the delivery pump requests ready mixed material from the flow-line mixer. If no more is available, the equipment will switch off automatically.

For the user this means:

- Effort-saving continuous working (with no mixing or bucket carrying)
- Convenient operation of all major functions such as the feed of material, directly at the lance
- Convenient transport of the rolling mini-silo

The rolling mini-Silo that thinks for itself :
T 25 K Flow line mixer + push on hopper with system accessories and a total capacity of 250 kg = a surface coverage of about 70 m²

Dry probe: measures the level in the material hopper

Water pressure sensor: checks the water pressure during the mixing process

The wet probe requests mixed material from the flow-line mixer

T 25 K Flow-Line mixer and accessories

Technical Data T 25 K

Motor rating	2,2 kW
Voltage	230 V / 50 Hz
Mixing rate	ca. 20 l/min
Capacity	100 kg
Weight	105 kg
Dimensions for transport	122 x 75 x 60 cm

Basic unit

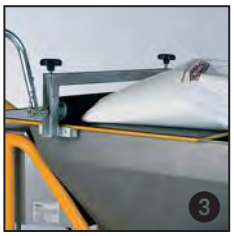
0343 002 T 25 K flow-line mixer / 23o V
T 25 K flow-line mixer / 400 V

For **preparations of material** or for combination with a PC 25 or PC 35 delivery pump

Flow-line mixer accessories

0343 700 Water flow meter
0343 701 Canvas cover
0343 709 Vibration set
0343 908 Push on hopper system accessories (mini-silo)

PlastCoat PC 25/35 and accessories



Basic units

0348 030 PC 25 inc. standard accessories
0348 040 PC 35 inc. standard accessories

Mortar hoses

0348 909 Mortar hose DN 19-10 m, V27/Rd32x1/8" connection
0348 930 Mortar hose DN 19-20 m, V27/Rd32x1/8" connection
0348 912 Mortar hose DN 27-10 m, V27/M27 connection
0348 946 Mortar hose DN 35-13,3 m, V35/M35 connection
0342 255 Mortar hose DN 19-2 m, V27/Rd32x1/8" connection
0342 215 Hose holder

Spray lances

0348 224 100 mm long spray lance with automatic
0348 904 500 mm extension set for automatic spray lance
0348 923 800 mm extension set for automatic spray lance
0348 919 800 mm ceiling spray lance 7 with automatic
0348 931 70 angle spray head for automatic spray lance
0342 200 100 mm long spray lance without automatic
0268 216 Pressure switch for spray lance w/o automatic
0342 246 Application gun, V27 connection, for applying adhesive for bonded thermal insulation ❶
0342 240 Texture spray head for application gun ❷

Texture nozzles

0268 779 4 texture nozzle
0348 915 5 texture nozzle
0268 780 6 texture nozzle
0348 916 7 texture nozzle
0268 781 8 texture nozzle
0348 917 9 texture nozzle
0268 782 10 texture nozzle
0342 327 12 texture nozzle
0268 905 Texture nozzle set 4, 6, 8, 10
0342 916 Texture nozzle cleaning needle

Adapters

0342 321 Fixed nipple adapter V35/M27
0342 241 Cleaning adapter M27/GK
0348 948 Cleaning adapter M35/GK

Cleaning balls

0342 330 19 mm cleaning ball
0342 331 27 mm cleaning ball
0342 332 35 mm cleaning ball
0342 329 Cleaning brush for outflow unit

Application of filler (plastic bags) ❸

0348 908 Sliding lid for hopper
0268 728 Bag mangle

Working from containers

0348 907 Container suction system ❹

Compressors

0348 955 C350 compressor ,
without automatic shut-off, intake volume 350 l/min
0342 231 V400 compressor ,
without automatic shut-off, intake volume 360 l/min
0342 906 V400 compressor ❺
with automatic shut-off, intake volume 360 l/min
0348 957 Compressor mounting for V400
0348 956 Compressor mounting for C350

Pumps

0348 315 Pump casing W10/3 yellow (standard)
0348 316 Pump worm W10/3 yellow (standard)
0348 925 Pump casing W15/2 brown
0348 926 Pump worm W15/2 brown
0348 927 Pump casing W20/1,5 green (adjustable tension)
0348 928 Pump worm W20/1,5 green
9992 824 Pump lubricant 500 ml

NEW

Seals

0342 314 Fixed coupling seal M27
9971 531 Fixed coupling seal M35

Accessory kit in plastic toolbox

0348 958 Accessory box filled with a variety of accessories ❻

Ask about other products from our company: Low pressure spraying equipment, piston and diaphragm pumps, material transfer logistics ... and much more.

WAGNER

www.wagner-group.com

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